



900 Series - Ordering Guide

900-M Series

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IR	4"	920	MO	55	G	C	I6
Sector		Code		Control Categories		Code	
Irrigation	IR			Hydrometer with Magnetic Drive Command		MO	
				Hydrometer with Magnetic Drive Command & V-Port		MV	
Size				Additional Features		Code	
1 1/2"	DN40*			No Additional Feature		00	
2"	DN50			Closing Speed-Control		01	
2 1/2"	DN65			Closing and Opening Speed-Control		03	
3"R*	DN80R*			Hydraulic Override		09	
3"	DN80			Electronic Control		18	
4"	DN100			Check Feature		20	
6"	DN150			Solenoid Controlled & Check Feature		25	
8"	DN200			Two-Stage Opening		30	
10"	DN250*			Electrically Selected Multi-Level Setting		45	

* 1/2" 3/4" 1" 1 1/2" 2" 2 1/2" 3" 4" 6" 8" 10"

Primary Features	Code
Basic	900
Basic Low Pressure	90L
Water Meter	901
Basic with Flow Limiter	90F
Solenoid Controlled Valve	910
Electronic Control Valve	918
Pressure Reducing Valve	920
Pressure Reducing with Flow Limiter	92F
Pressure Reducing & Sustaining Valve	923
Flow Control Valve, Constant Downstream Pressure	927
Pressure Sustaining Valve	930
Pressure Sustaining with Flow Limiter	93F
Level Control Valve	950
Level Control with Flow Limiter	95F
Level Control - Low Pressure	95L
Level Control & Pressure Sustaining Valve	953
Level & Flow Control	957
Flow Control Valve	970
Flow Control & Pressure Reducing Control Valve	972
Flow Control & Pressure Sustaining Control Valve	973
Flow Control, Pressure Reducing & Sustaining Valve	975

Other primary features available on request.

Control Categories	Code
Hydrometer with Magnetic Drive Command	MO
Hydrometer with Magnetic Drive Command & V-Port	MV
Additional Features	Code
No Additional Feature	00
Closing Speed-Control	01
Closing and Opening Speed-Control	03
Hydraulic Override	09
Electronic Control	18
Check Feature	20
Solenoid Controlled & Check Feature	25
Two-Stage Opening	30
Electrically Selected Multi-Level Setting	45
Downstream Over Pressure Guard	48
Closing Surge Prevention	49
Hydraulic Relay	50
Normally Closed with Hydraulic Relay	54
Normally Closed with PC Hydraulic Relay	54X
Solenoid Controlled	55
Electric Override	59
Modulating Horizontal Float	60
Bi-Level Electric Float	65
Bi-Level Vertical Float	66
Modulating Vertical Float	67
Mechanical Float Type A	0A
Flow Control By Flow Limiter	0F
Plastic V-Port	VP
St. St. 304 V-Port	VN
St. St. 316 V-Port	Vn

Other additional features available on request.

Pattern	Code
Globe	G
Angle (2", 3", 4", 6" & 8")	A
Hydrant-Angle 120° (2 1/2" & 4")	H

Construction Materials	Code
Cast Iron (1 1/2"-3"R Globe Threaded)	I
Ductile Iron	C

End Connections	Code
BSP Female Threaded (1 1/2"-3"R Globe & 2" Angle)	BP
NPT Female Threaded (1 1/2"-3"R Globe & 2" Angle)	NP
BSP-U Male Threaded (1 1/2" & 2")	BS
Hydrant 2 1/2" x BSP	HP
Flange (JIS-10) inlet x BSP outlet	JB
ISO-10	10
ISO-16	16
ISO-14 (ISO 10/4 Holes, 3")	14
ANSI-125	A1
ANSI-150	A5
BST-D	BD
JIS-10	J1
ABNT-10	B1
ABNT-16	B6
AST-D	SD
AST-E	SE
ANSI C 606-81, Steel Pipe (3", 4" & 6")	VI

Other end connections available on request.

Coating	Code
Polyester Green RAL 6017	PG
Other coatings available on request.	
Voltage Main Valve Position	Code
24VAC, with Diode - Normally Closed	4AC
24VAC, with Diode - Normally Open	4AO
24VAC - Last Position	4AP
24VAC - Normally Closed	4RC
24VAC - Normally Open	4RO
24VDC - Normally Closed	4DC
24VDC - Normally Open	4DO
24VDC - Last Position	4DP
12VDC - Normally Closed	1DC
12VDC - Normally Open	1DO
12VDC - Last Position	1DP
12VDC - Latch Solenoid S-985 (3 Leads)	1DS
12VDC - Latch Solenoid S-982 (2 Leads)	2DS
9VDC - Latch Solenoid	9DS
Other electrical ratings available on request.	

Tubing & Fittings	Code
Plastic Tubing & Fittings	PP
Plastic Reinforced Tubing & Brass Fittings	PB
Copper Tubing & Brass Fittings	CB

Pulse Type	Pulse Rate m³	Code
No Pulse	No Pulse m³	RNP
Reed Switch 1 Pulse	Reed 0.01 m³	R01
	Reed 0.1 m³	R02
	Reed 1 m³	R03
	Reed 10 m³	R04
Opto Sensor	Opto 0.001 m³	P01
	Opto 0.01 m³	P10
Opto + Reed	0.001 m³ Opto + 0.1 m³ Reed	PQ1
	0.001 m³ Opto + 1 m³ Reed	P03
	0.01 m³ Opto + 1 m³ Reed	P13
	0.01 m³ Opto + 10 m³ Reed	P14

Pulse Type	Pulse Rate U.S. Gallon	Code
No Pulse	No Pulse Gal	RNG
Reed Switch 1 Pulse	Reed 1 Gal	RG3
	Reed 10 Gal	RG4
	Reed 100 Gal	RG5
	Reed 1,000 Gal	RG6
Opto Sensor	Opto 0.1 Gal	PG2
	Opto 1 Gal	PG3
Opto + Reed	0.1 Gal Opto + 10 Gal Reed	P4G
	0.1 Gal Opto + 100 Gal Reed	P6G
	1 Gal Opto + 100 Gal Reed	P5G
	1 Gal Opto + 1,000 Gal Reed	P7G

Hydrometer Pulse & Size Availability						
Size	Pulse per	0.001 m³ 0.1 Gal	0.01 m³ 1 Gal	0.1 m³ 10 Gal	1 m³ 100 Gal	10m³ 1,000 Gal
1 1/2", 2", 2 1/2", 3"R, 3" & 4"		■	▲	▲	▲	
6", 8" & 10"			■	▲	▲	▲

▲ Reed-switch
■ Opto-Electric
Gal = U.S. Gallon

Note: Pulse combinations are available according to "Pulse Rate Table".

Additional Attributes Unlimited Selection	Code
3-Way Control Loop	X
Plastic Control Accessories	K
Metal Control Accessories	R
PVDF Guide	r
Homologation Approved	L
BSP-U Union Records Assembly	M
Calibration	N
Orifice Assembly	U
Paddle Flow Control Pilot	V
Drain & Anti-Freeze Valve	f
Large Control Filter	F
Y Control Strainer	Y
Manual Selector	Z
Low Preset Pressure (below 2 bar)	2
High Upstream Pressure (above 10 bar)	3
Plastic Pressure Test Point	5
Pressure Gauge	6

Other additional attributes are available. Please consult Customer Service for further information.

